1. GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT.

B. VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION IN THE FIELD.

C. COORDINATE ALL WORK TO MINIMIZE INTERFERENCE WITH EXISTING FACILITIES AND OTHER TRADES.

D. REQUESTS FOR SHUT DOWNS MUST BE DELIVERED TO THE ENGINEER AT LEAST (7) SEVEN WORKING DAYS PRIOR TO THE REQUESTED SHUTDOWN AND SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ENGINEER.

E. ALL UNUSED PIPING, HANGERS, SUPPORTS SHALL BE COMPLETELY REMOVED ALL THE WAY BACK TO THE RISER, OR BACK TO THE NEAREST ACTIVE BRANCH MAIN AND CAP, SEALED WATERTIGHT. ALL THE OPENINGS RESULTING SHALL BE PROPERLY PATCHED, SEALED, AND FIRESTOPPED TO MAINTAIN THE ORIGINAL INTEGRITY OF THE PARTITIONS FIRE RATING.

F. INSTALL WORK IN NEAT AND APPROVED MANNER. RESTORE EXISTING PIPING DISTURBED IN MAKING SUCH CONNECTIONS TO PERFECT CONDITIONS.

G. CLEANING: REMOVE FROM PREMISES ALL DEBRIS RESULTING FROM WORK OF THIS SECTION. LEAVE WORK OF THIS SECTION CLEAN AND IN PERFECT CONDITION.

H. DRIP PIPING SHALL BE GALVANIZED STEEL AS PER SPECIFICATION SECTION 15410, PARA. 2.01.

I. PROVIDE LINK SEALS FOR ALL PIPE PENETRATIONS THROUGH MAIN ROOF SLAB.

J. PROVIDE FLASHING FOR TWO VENTS PENETRATING BULKHEAD ROOF.

K. PROVIDE THE FOLLOWING EQUIPMENT AS MADE BY B/W CONTROLS:
Z – MOISTURE SENSORS #5013-MSA-1
1 – NEMA 1 CONTROL PANEL #8041-1200-L1-R-N1

ROOF DRAIN SCHEDULE

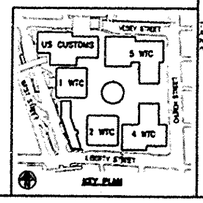
LOCATION	DESCRIPTION
BULKHEAD ROOF DRAINS #1,2 & 3	J.R. SMITH FIG. 1010, 4" THREADED OUTLET, SUMP RECEIVER, UNDERDECK CLAMP, CAST IRON DOME STRAINNER, FLASHING CLAMP
BULKHEAD DRAINS #4,5,6,7,8,9 & 10	J.R. SMITH FIG. DX2010A, 3" THREADED OUTLET, 4" WIDE FLANGE FOR SEAMLESS FLOORING, CLAMP, CAST IRON DMOE STRAINER
MAIN ROOF DRAINS #11,12,13 & 16	J.R. SMITH FIG. 1010, CAULKED OUTLET, (SIZES AS SHOWN), UNDERDECK CLAMP, FLASHING CLAMP, CAST IRON DOME STRAINER
ROOF DRAINS WITHIN BULKHEAD AREA #14 & 15	J.R. SMITH FIG. DX2010A, 4" THREADED OUTLET, 4" WIDE FLANGE FOR SEAMLESS FLOORING, SQUARE TOP

PLUMBING SYMBOL LIST

	EXISTING PIPING TO REMAIN
	EXISTING PIPING/FIXTURE TO BE REMOVED
	NEW PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	PLUGGED OUTLET
— L —	LEADER PIPING
— D —	DRAIN PIPING
— SAN —	SANITARY PIPING
— W —	WASTE PIPING
	PIPING IN CEILING BELOW
	HAND VALVE
	CHECK VALVE
	PLUMBING RISER No (TYPICAL)
	HOSE BIBB
℄	CENTER LINE ELEVATION
	CONNECT TO EXISTING
	FLOOR DRAIN
	–
	STOP VALVE
	–
A.F.F.	ABOVE FINISH FLOOR
B.O.P	BOTTOM OF PIPE
C.O	CLEAN OUT
C.W	COLD WATER
CLG	CEILING
E.W.	EYEWASH
EX	EXISTING
FD	FLOOR DRAIN
H.B	HOSE BIBB
H.W	HOT WATER
H.W.R	HOT WATER RETURN
L	LEADER
M.E.R	MECHANICAL EQUIPMENT ROOM
N.T.S	NOT TO SCALE
S	SOIL
S.P.O	SOIL PLUGGED OUTLET
V	VENT
W	WASTE

SPRINKLER SYMBOL LIST

O	UPRIGHT SPRINKLER HEAD
FCA	FLOOR CONTROL ASSEMBLY



KEY PLAN

Sheet 84 of 112

THE PORT AUTHORITY OF NY & NJ

CONFORMED DRAWING
08/9/96
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ORIGINAL SIGNED & SEALED BY N.Y. P.E. (OR R.A.)

Joseph R. Loring & Associates, Inc.
consulting engineers
One Pennsylvania Plaza
New York, New York 10119-0043
Tel. (212) 563-7400, Fax (212) 563-7262

THE OFFICE OF
DAVID ELLIOT LESKOWITZ PC
ARCHITECTS • PLANNERS
[illegible]
TEL [illegible] FAX [illegible]

LESLIE E ROBERTSON ASSOCIATES, R.L.L.P.
CONSULTING STRUCTURAL ENGINEERS
[illegible]
NEW YORK, NY [illegible]
TEL [illegible] FAX [illegible]

No.	Date	Revision	Approved

Engineering Department
Design Divisions

The World Trade Center

Title
STANDBY POWER
5 WORLD TRADE CENTER

PLUMBING

SYMBOL LIST AND GENERAL NOTES

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

VP	M.A.R	VP
Designed by	Drawn by	Check by

Date	Scale
11/17/97	NONE

Contract Number: WTC-945.071
Drawing Number: PO-01